

## **RAW SEQUENCE LISTING**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/502,145  
Source: pcr1/o  
Date Processed by STIC: 6/3/05

**ENTERED**



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/502,145

DATE: 06/03/2005

TIME: 11:22:00

Input Set : D:\SEQLIST.txt  
 Output Set: N:\CRF4\06032005\J502145.raw

2 <110> APPLICANT: MACKAY, CHARLES REAY  
 4 <120> TITLE OF INVENTION: Anti-C5aR antibodies and uses thereof  
 6 <130> FILE REFERENCE: RICE-032  
 C--> 8 <140> CURRENT APPLICATION NUMBER: US/10/502,145  
 C--> 8 <141> CURRENT FILING DATE: 2004-07-19  
 8 <150> PRIOR APPLICATION NUMBER: USSN 60/350,961  
 9 <151> PRIOR FILING DATE: 2002-01-25  
 11 <160> NUMBER OF SEQ ID NOS: 34  
 13 <170> SOFTWARE: PatentIn version 3.1  
 15 <210> SEQ ID NO: 1  
 16 <211> LENGTH: 350  
 17 <212> TYPE: PRT  
 18 <213> ORGANISM: Homo sapiens  
 20 <400> SEQUENCE: 1  
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 23 1               5               10               15  
 26 Lys Asp Thr Leu Asp Leu Asn Thr Pro Val Asp Lys Thr Ser Asn Thr  
 27               20               25               30  
 30 Leu Arg Val Pro Asp Ile Leu Ala Leu Val Ile Phe Ala Val Val Phe  
 31               35               40               45  
 34 Leu Val Gly Val Leu Gly Asn Ala Leu Val Val Trp Val Thr Ala Phe  
 35               50               55               60  
 38 Glu Ala Lys Arg Thr Ile Asn Ala Ile Trp Phe Leu Asn Leu Ala Val  
 39 65               70               75               80  
 42 Ala Asp Phe Leu Ser Cys Leu Ala Leu Pro Ile Leu Phe Thr Ser Ile  
 43               85               90               95  
 46 Val Gln His His Trp Pro Phe Gly Gly Ala Ala Cys Ser Ile Leu  
 47               100              105              110  
 50 Pro Ser Leu Ile Leu Leu Asn Met Tyr Ala Ser Ile Leu Leu Leu Ala  
 51               115              120              125  
 54 Thr Ile Ser Ala Asp Arg Phe Leu Leu Val Phe Lys Pro Ile Trp Cys  
 55               130              135              140  
 58 Gln Asn Phe Arg Gly Ala Gly Leu Ala Trp Ile Ala Cys Ala Val Ala  
 59 145              150              155              160  
 62 Trp Gly Leu Ala Leu Leu Leu Thr Ile Pro Ser Phe Leu Tyr Arg Val  
 63               165              170              175  
 66 Val Arg Glu Glu Tyr Phe Pro Pro Lys Val Leu Cys Gly Val Asp Tyr  
 67               180              185              190  
 70 Ser His Asp Lys Arg Arg Glu Arg Ala Val Ala Ile Val Arg Leu Val  
 71               195              200              205  
 74 Leu Gly Phe Leu Trp Pro Leu Leu Thr Leu Thr Ile Cys Tyr Thr Phe  
 75               210              215              220  
 78 Ile Leu Leu Arg Thr Trp Ser Arg Arg Ala Thr Arg Ser Thr Lys Thr

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Input Set : D:\SEQLIST.txt

Output Set: N:\CRF4\06032005\J502145.raw

79	225	230	235	240
82	Leu Lys Val Val Val Ala Val Val Ala Ser Phe Phe Ile Phe Trp Leu			
83	245	250	255	
86	Pro Tyr Gln Val Thr Gly Ile Met Met Ser Phe Leu Glu Pro Ser Ser			
87	260	265	270	
90	Pro Thr Phe Leu Leu Leu Asn Lys Leu Asp Ser Leu Cys Val Ser Phe			
91	275	280	285	
94	Ala Tyr Ile Asn Cys Cys Ile Asn Pro Ile Ile Tyr Val Val Ala Gly			
95	290	295	300	
98	Gln Gly Phe Gln Gly Arg Leu Arg Lys Ser Leu Pro Ser Leu Leu Arg			
99	305	310	315	320
102	Asn Val Leu Thr Glu Glu Ser Val Val Arg Glu Ser Lys Ser Phe Thr			
103	325	330	335	
106	Arg Ser Thr Val Asp Thr Met Ala Gln Lys Thr Gln Ala Val			
107	340	345	350	
110	<210> SEQ ID NO: 2			
111	<211> LENGTH: 23			
112	<212> TYPE: DNA			
113	<213> ORGANISM: Artificial Sequence			
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116	<223> OTHER INFORMATION: PCR primer			
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123	<211> LENGTH: 25			
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128	<223> OTHER INFORMATION: PCR primer			
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134	<210> SEQ ID NO: 4			
135	<211> LENGTH: 20			
136	<212> TYPE: DNA			
137	<213> ORGANISM: Artificial Sequence			
139	<220> FEATURE:			
140	<223> OTHER INFORMATION: PCR primer			
142	<400> SEQUENCE: 4			
143	saggtccagc tgcarcagtc			20
146	<210> SEQ ID NO: 5			
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148	<212> TYPE: DNA			
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154	<400> SEQUENCE: 5			
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158	<210> SEQ ID NO: 6			
159	<211> LENGTH: 23			

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/502,145

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Input Set : D:\SEQLIST.txt  
Output Set: N:\CRF4\06032005\J502145.raw

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161 <213> ORGANISM: Artificial Sequence
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171 <211> LENGTH: 25
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: PCR primer
178 <400> SEQUENCE: 7
179 acactcattc ctgttgaagc tcttg
182 <210> SEQ ID NO: 8
183 <211> LENGTH: 20
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: PCR primer
190 <400> SEQUENCE: 8
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194 <210> SEQ ID NO: 9
195 <211> LENGTH: 18
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: PCR primer
202 <400> SEQUENCE: 9
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206 <210> SEQ ID NO: 10
207 <211> LENGTH: 23
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
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212 <223> OTHER INFORMATION: PCR primer
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218 <210> SEQ ID NO: 11
219 <211> LENGTH: 25
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: PCR primer
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230 <210> SEQ ID NO: 12
231 <211> LENGTH: 20
232 <212> TYPE: DNA

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PATENT APPLICATION: US/10/502,145

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Input Set : D:\SEQLIST.txt

Output Set: N:\CRF4\06032005\J502145.raw

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 235 <220> FEATURE:  
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 238 <400> SEQUENCE: 12  
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 242 <210> SEQ ID NO: 13  
 243 <211> LENGTH: 18  
 244 <212> TYPE: DNA  
 245 <213> ORGANISM: Artificial Sequence  
 247 <220> FEATURE:  
 248 <223> OTHER INFORMATION: PCR primer  
 250 <400> SEQUENCE: 13  
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 254 <210> SEQ ID NO: 14  
 255 <211> LENGTH: 336  
 256 <212> TYPE: DNA  
 257 <213> ORGANISM: Mus musculus  
 259 <400> SEQUENCE: 14  
 260 gatgttgtga tgaccCAAAT tccactctcc ctgcctgtca gtcttgaga tcaaacctcc 60  
 262 atctcttgcA gatctagtca gagcCttata cacagtaatg gaaacaccta ttacattgg 120  
 264 tacctgcaga agccaggCCA gtctccAAAG ctcctgatct acaaagttc caaccgattt 180  
 266 tctgggttcA cagacaggTT cagtggcaGT ggatcaggGA cagatttCAC actcaagatC 240  
 268 agcagagtgg aggctgagGA tatggaggtt tatttctgCT ctcaaagtAC acatgttCCT 300  
 270 ccgacgttCG gtggaggcac caagctggAA atcaaA 336  
 273 <210> SEQ ID NO: 15  
 274 <211> LENGTH: 112  
 275 <212> TYPE: PRT  
 276 <213> ORGANISM: Mus musculus  
 278 <400> SEQUENCE: 15  
 280 Asp Val Val Met Thr Gln Ile Pro Leu Ser Leu Pro Val Ser Leu Gly  
 281 1 5 10 15  
 284 Asp Gln Thr Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Ile His Ser  
 285 20 25 30  
 288 Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser  
 289 35 40 45  
 292 Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro  
 293 50 55 60  
 296 Asp Arg Phe Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile  
 297 65 70 75 80  
 300 Ser Arg Val Glu Ala Glu Asp Met Gly Val Tyr Phe Cys Ser Gln Ser  
 301 85 90 95  
 304 Thr His Val Pro Pro Thr Phe Gly Gly Thr Lys Leu Glu Ile Lys  
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 310 <212> TYPE: DNA  
 311 <213> ORGANISM: Mus musculus  
 313 <400> SEQUENCE: 16  
 314 caggttcagc tgcagcagtc tggacctgag gtggtaaagc ctggggcctc agtgaagatt 60

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Input Set : D:\SEQLIST.txt

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318	cctggaaagg	gtcttgagtg	gattggacgg	atttatgctg	gagatggaga	tactaaatac	180										
320	aatgggaagt	tcaaggcCAA	ggccacactg	actgcagaca	aatcctccag	cacagcctac	240										
322	atgcaactca	gcagcctgac	atctgaggac	tctcggtct	acttctgtgc	aaggcttctc	300										
324	attactacgg	tagtggagc	tatggactac	tgggtcaag	gaacctcagt	caccgtatcc	360										
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329	<210>	SEQ ID NO:	17														
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336	Gln	Val	Gln	Leu	Gln	Gln	Ser	Gly	Pro	Glu	Val	Val	Lys	Pro	Gly	Ala	
337	1				5				10					15			
340	Ser	Val	Lys	Ile	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Ala	Phe	Ser	Arg	Ser	
341					20				25					30			
344	Trp	Met	Asn	Trp	Val	Lys	Gln	Arg	Pro	Gly	Lys	Gly	Leu	Glu	Trp	Ile	
345					35				40					45			
348	Gly	Arg	Ile	Asp	Ala	Gly	Asp	Gly	Asp	Thr	Lys	Tyr	Asn	Gly	Lys	Phe	
349					50				55					60			
352	Lys	Gly	Lys	Ala	Thr	Leu	Thr	Ala	Asp	Lys	Ser	Ser	Ser	Thr	Ala	Tyr	
353	65				70					75				80			
356	Met	Gln	Leu	Ser	Ser	Leu	Thr	Ser	Glu	Asp	Ser	Ala	Val	Tyr	Phe	Cys	
357					85				90					95			
360	Ala	Ser	Leu	Leu	Ile	Thr	Thr	Val	Val	Gly	Ala	Met	Asp	Tyr	Trp	Gly	
361					100				105					110			
364	Gln	Gly	Thr	Ser	Val	Thr	Val	Ser	Ser								
365		115			120												
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374	gatgttgtga	tgaccatac	tccactctcc	ctgcctgtca	gtcttgaaaa	tcaaggctcc	60										
376	atctttgca	gatctagtca	gagccttgc	cacagtaatg	gaaacaccta	tttacattgg	120										
378	tacctgcaga	agccaggcca	gtctccaaag	ctcctgatct	acaaagttc	caaccgattt	180										
380	tctgggtcc	cagacaggtt	cagtggcagt	ggatcaggga	cagatttctc	actcaagatc	240										
382	agcagagtgg	aggctgagga	tctgggagtt	tatttctgtc	ctcaaagtag	acttggccg	300										
384	ctcacgttcg	gtgctggac	caagctggaa	ctgaaa			336										
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388	<211>	LENGTH:	112														
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392	<400>	SEQUENCE:	19														
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395	1				5				10					15			
398	Asn	Gln	Ala	Ser	Ile	Ser	Cys	Arg	Ser	Ser	Gln	Ser	Leu	Val	His	Ser	
399					20				25					30			
402	Asn	Gly	Asn	Thr	Tyr	Leu	His	Trp	Tyr	Leu	Gln	Lys	Pro	Gly	Gln	Ser	
403					35				40					45			

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/502,145

DATE: 06/03/2005

TIME: 11:22:01

Input Set : D:\SEQLIST.txt

Output Set: N:\CRF4\06032005\J502145.raw

L:8 M:270 C: Current Application Number differs, Replaced Current Application No

L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date